

Docket No. 294254US0PCT



MAIL STOP PCT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Nicolas SARRUT, et al.

SERIAL NO: 10/587,852

GAU:

FILED: July 28, 2006

EXAMINER:

FOR: LAB-ON-A-CHIP COMPRISING A COPLANAR MICROFLUIDIC SYSTEM AND ELECTROSPRAY NOZZLE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
294254US0PCTSERIAL NO.
10/587,852

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT
Nicolas SARRUT, et al.FILING DATE
July 28, 2006

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	2003 0224531	12-04-03	BRENNEN, Reid A. et al.			
	AB	2003 0092195	05-15-03	MOON, James E. et al.			
	AC	2002 0113034	08-22-02	MOON, James E. et al.			
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AI	2 839 660	11-21-03	FR (equivalent of US 2006 0 051 858)		NO
	AJ	99 09042	02-25-99	WO (equivalent of US 6368871, US 2002042125, and US 6440725)		NO
	AK	2004 002878	01-08-04	WO (equivalent of US 2004124085)		NO
	AL	03 097238	11-27-03	WO (with English abstract)		NO
	AM					
	AN					
	AO					
	AP					
	AQ					
	AR					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AS	ARSCOTT, S. et al., "Micromachined 2D Nanoelectrospray Emitter", Electronics Letters, Vol. 39, No. 24, 2003.				
AT	LIN, Che-Hsin et al., "A New Fabrication Process for Ultra-Thick Microfluidic Microstructures Utilizing SU-8 Photoresist", Journal of Micromechanics and Microengineering, Vol. 12, pgs. 590-597, 2002.				
AU	ROHNER, Tatiana et al., "Polymer Microspray With an Integrated Thick-Film Microelectrode", Analytical Chemistry, Vol. 73, No. 22, pgs. 5353-5357.				
AV	XIE, Jun et al., "An Integrated LC-ESI Chip With Electrochemical-Based Gradient Generation" 17 th IEEE International Conference on Micro Electro Mechanical Systems, Vol. 4, pgs. 334-337, 2004.				
AW	LICKLIDER, Larry et al., "A Micromachined Chip-Based Electrospray Source for Mass Spectrometry", Analytical Chemistry, Vol. 72, No. 2, pgs. 367-375, 2000.				
AX	WANG, Xuan-Oi et al., "Polymer-Based Electrspray Chips for Mass Spectrometry, Micro Electro Mechanical Systems, pgs. 523-528, 1999.				
AY					
AZ					<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PCT Application Serial No: 10/587,852

Filed: July 28, 2006

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STATEMENT OF RELEVANCY

- 1) References AA - AB, AI - AJ and AS - AU have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References AC, AK - AL and AV - AX have been cited in the corresponding French Search Report. A copy of these references is being submitted herewith.
- 3) References are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References are additional prior art known to Applicant. A copy of these references is being submitted herewith.